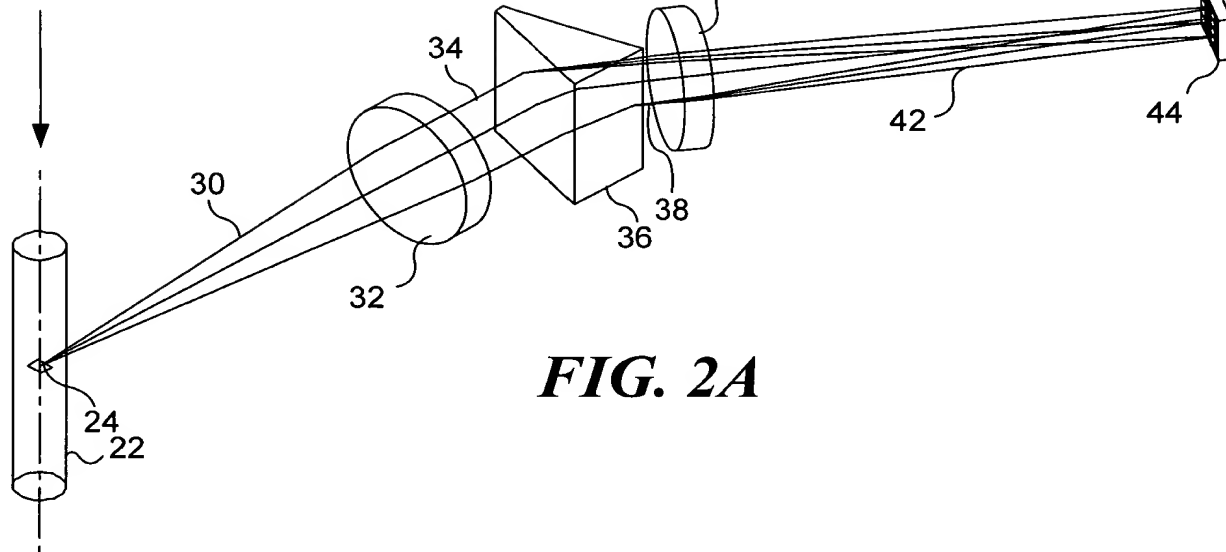


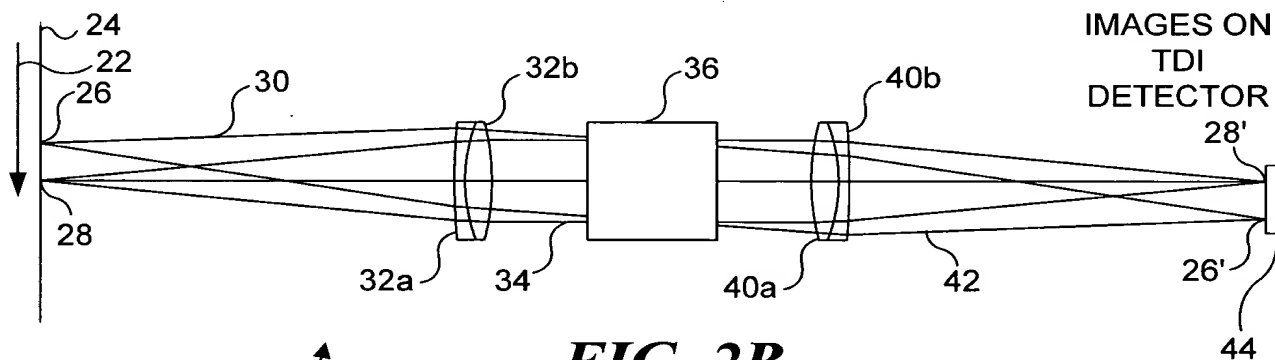
**FIG. 1**

MOVING BEADS

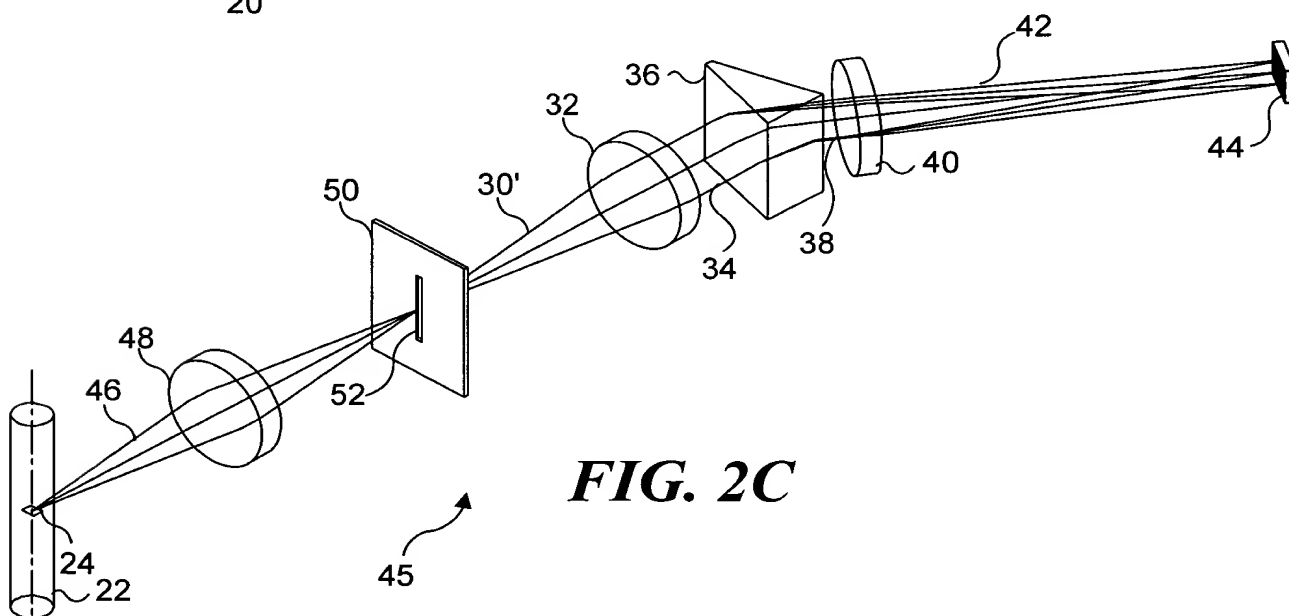


**FIG. 2A**

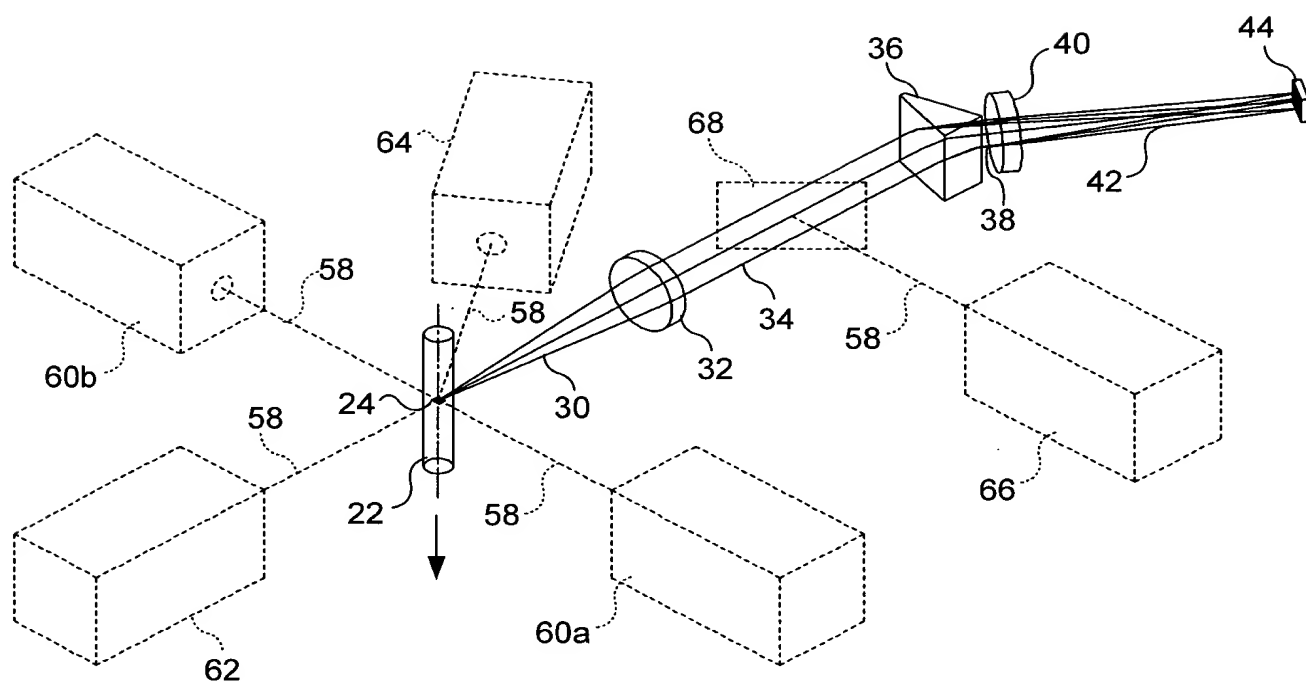
MOVING OBJECT



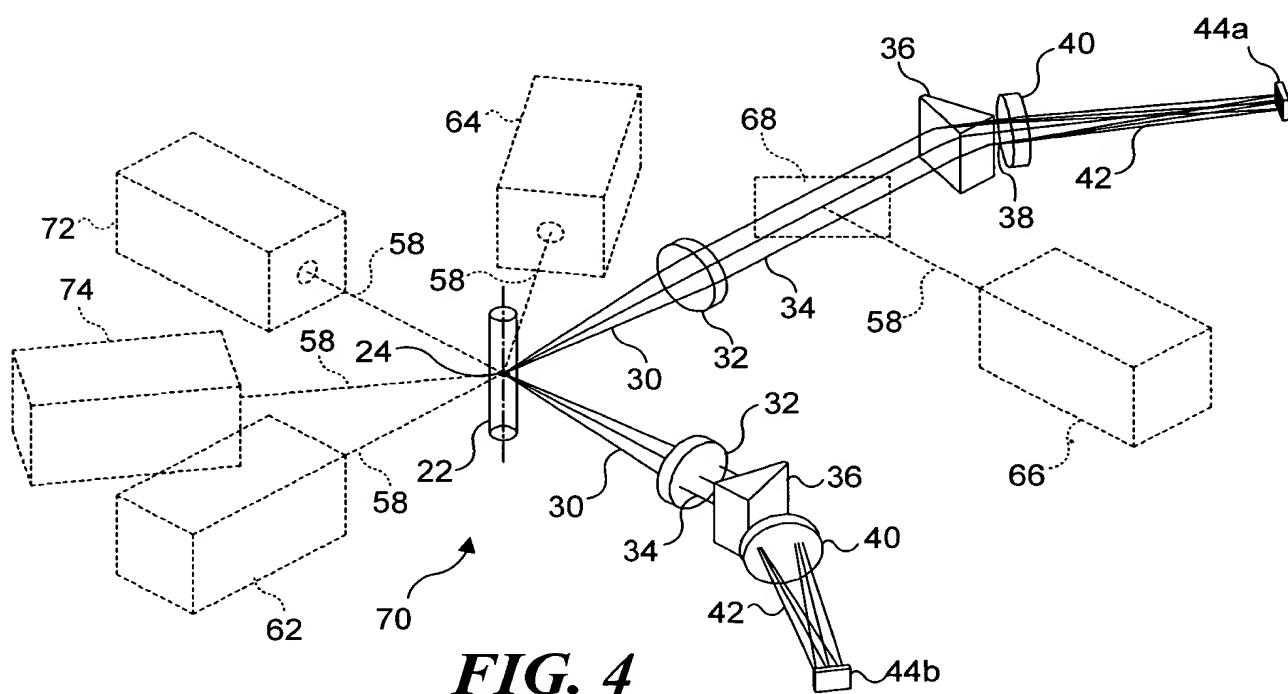
**FIG. 2B**



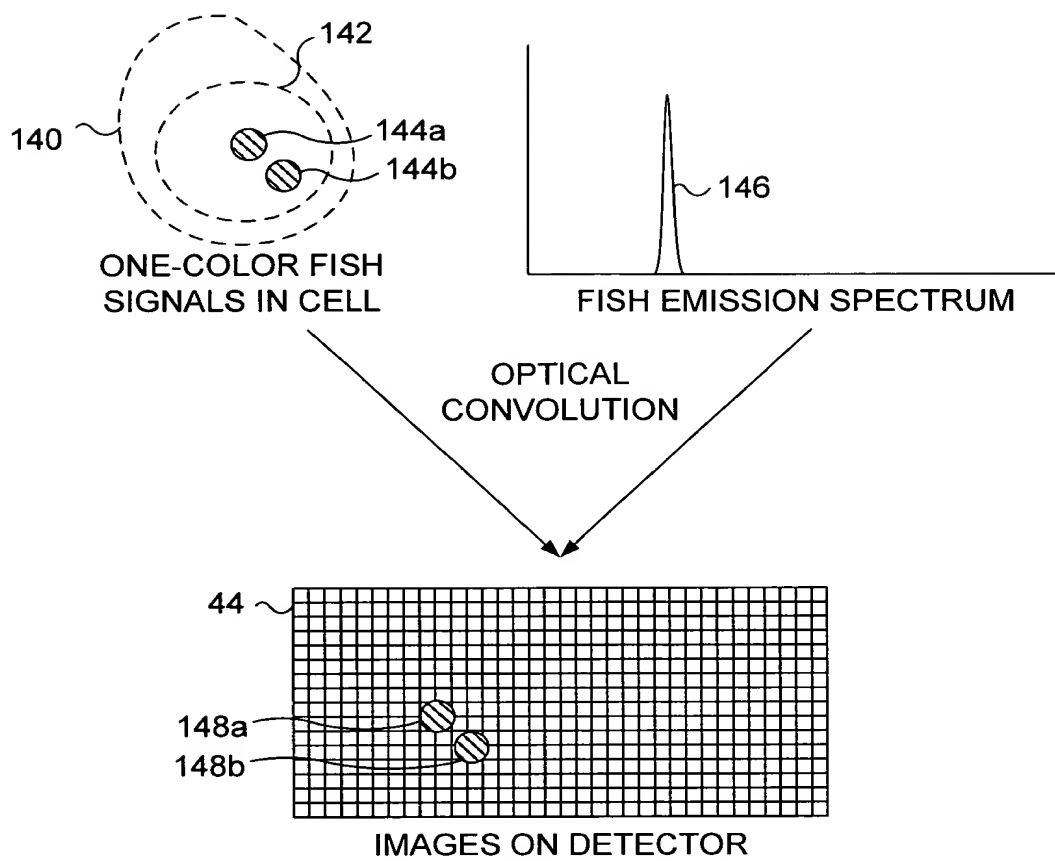
**FIG. 2C**



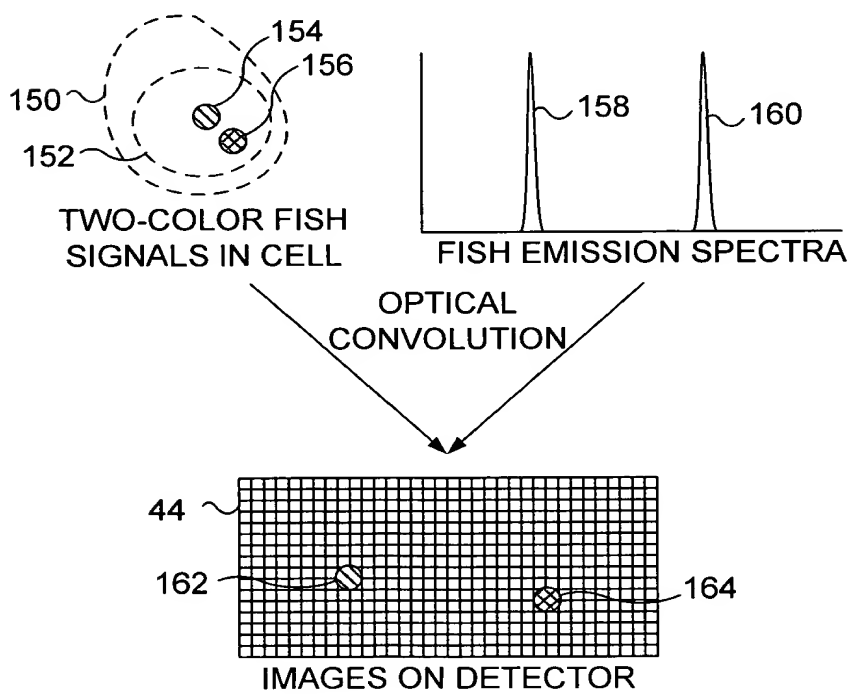
**FIG. 3**



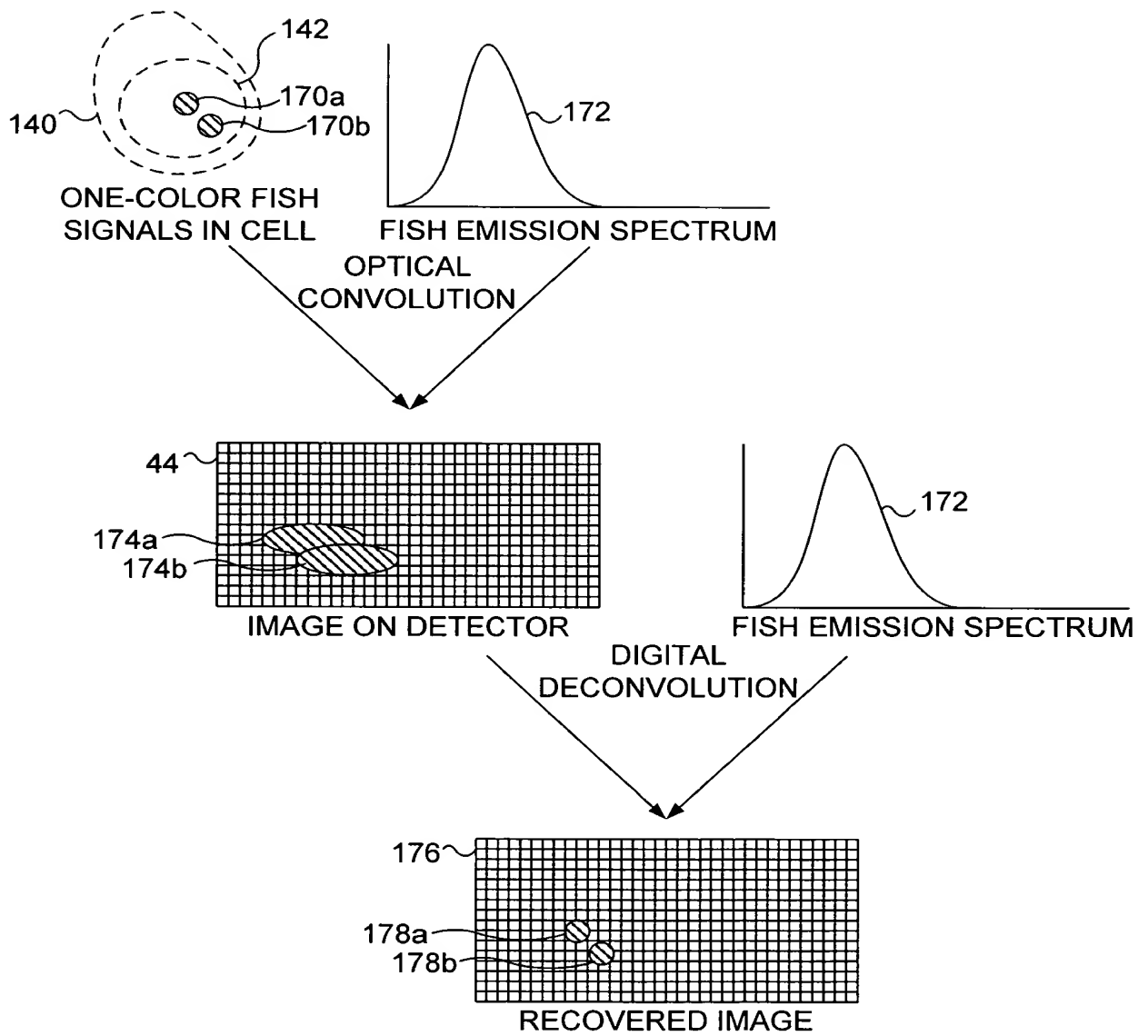
**FIG. 4**



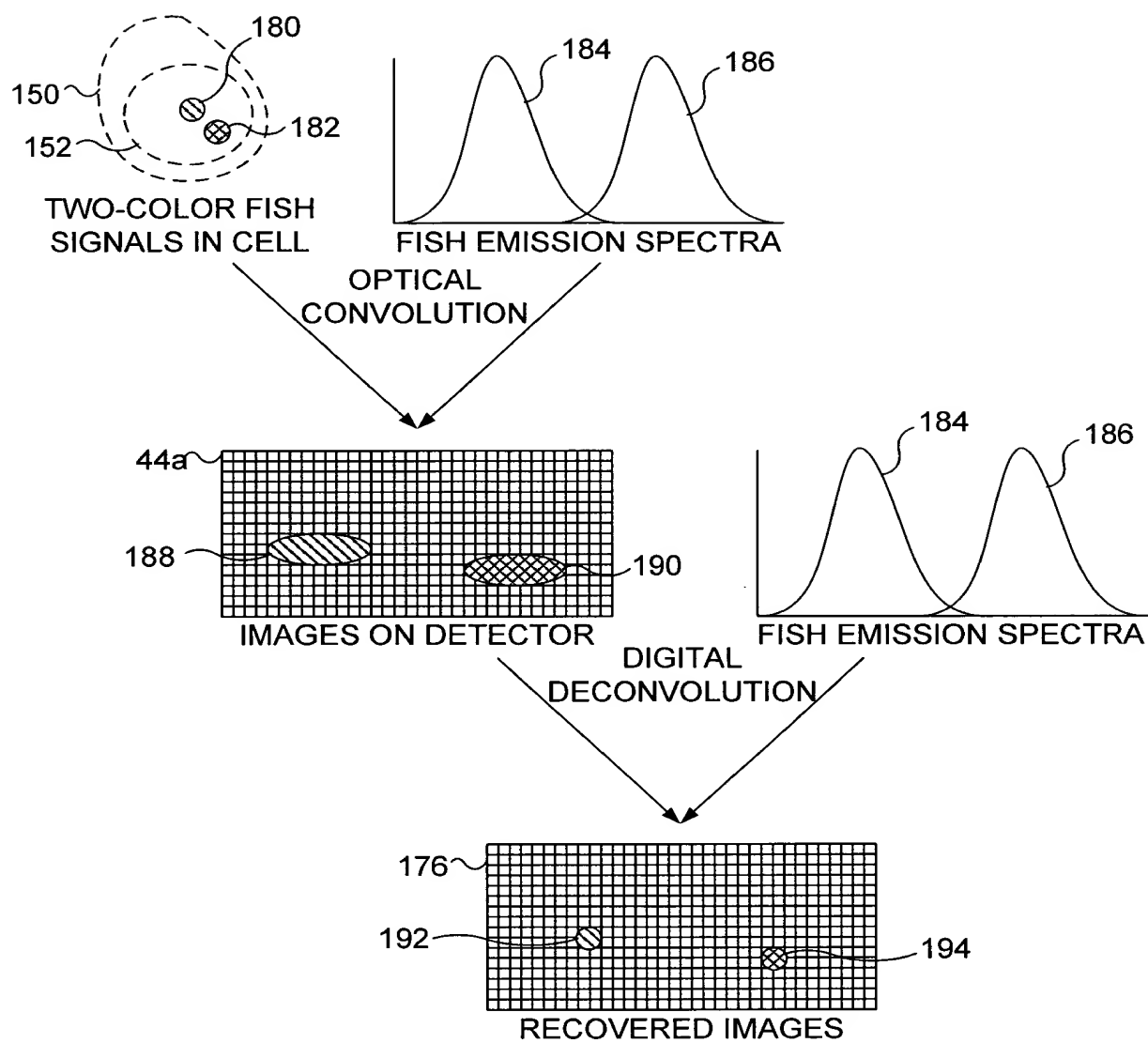
**FIG. 5**



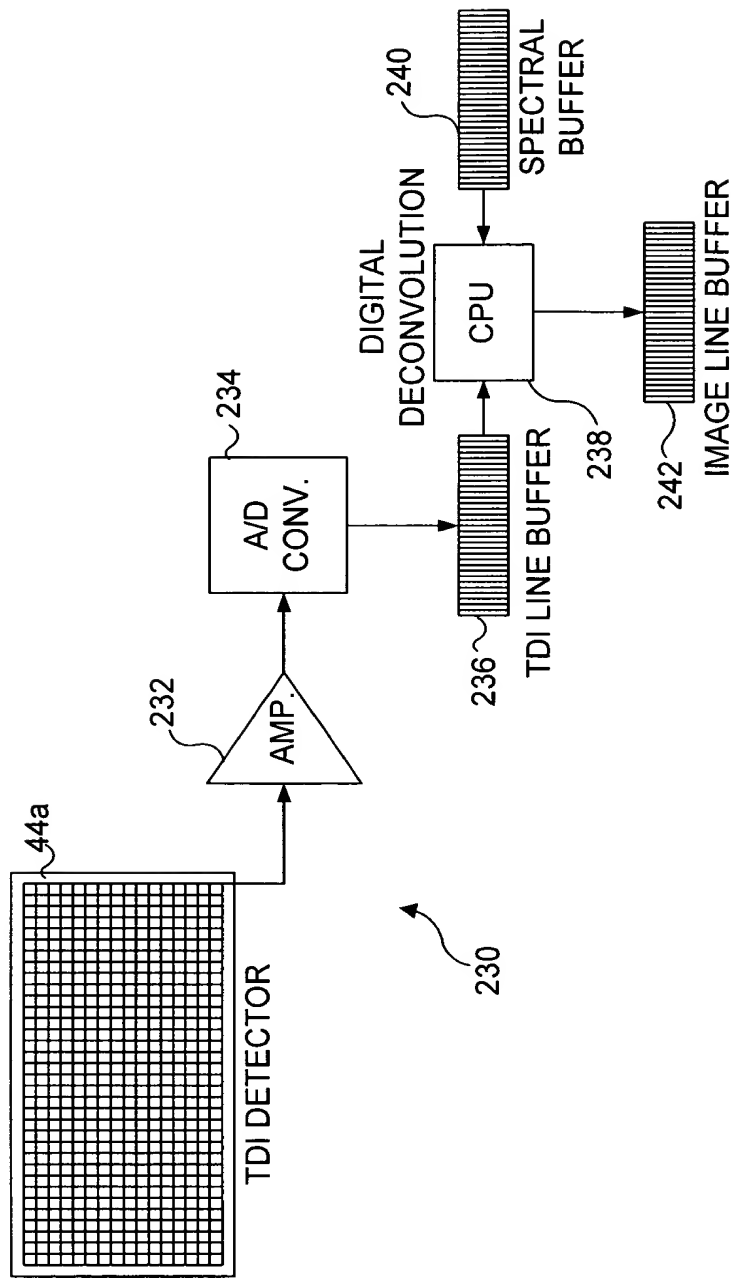
**FIG. 6**



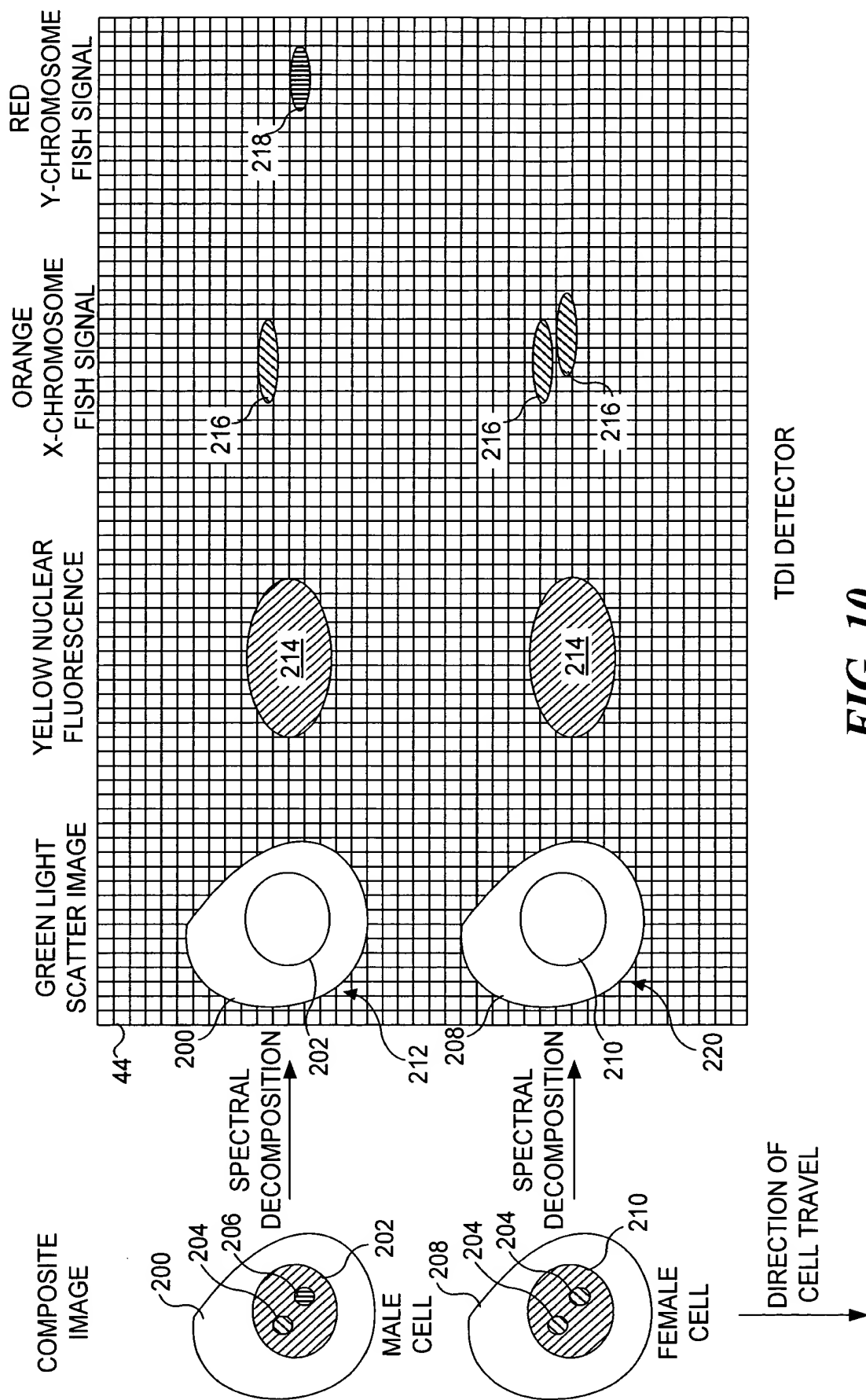
**FIG. 7**



**FIG. 8**

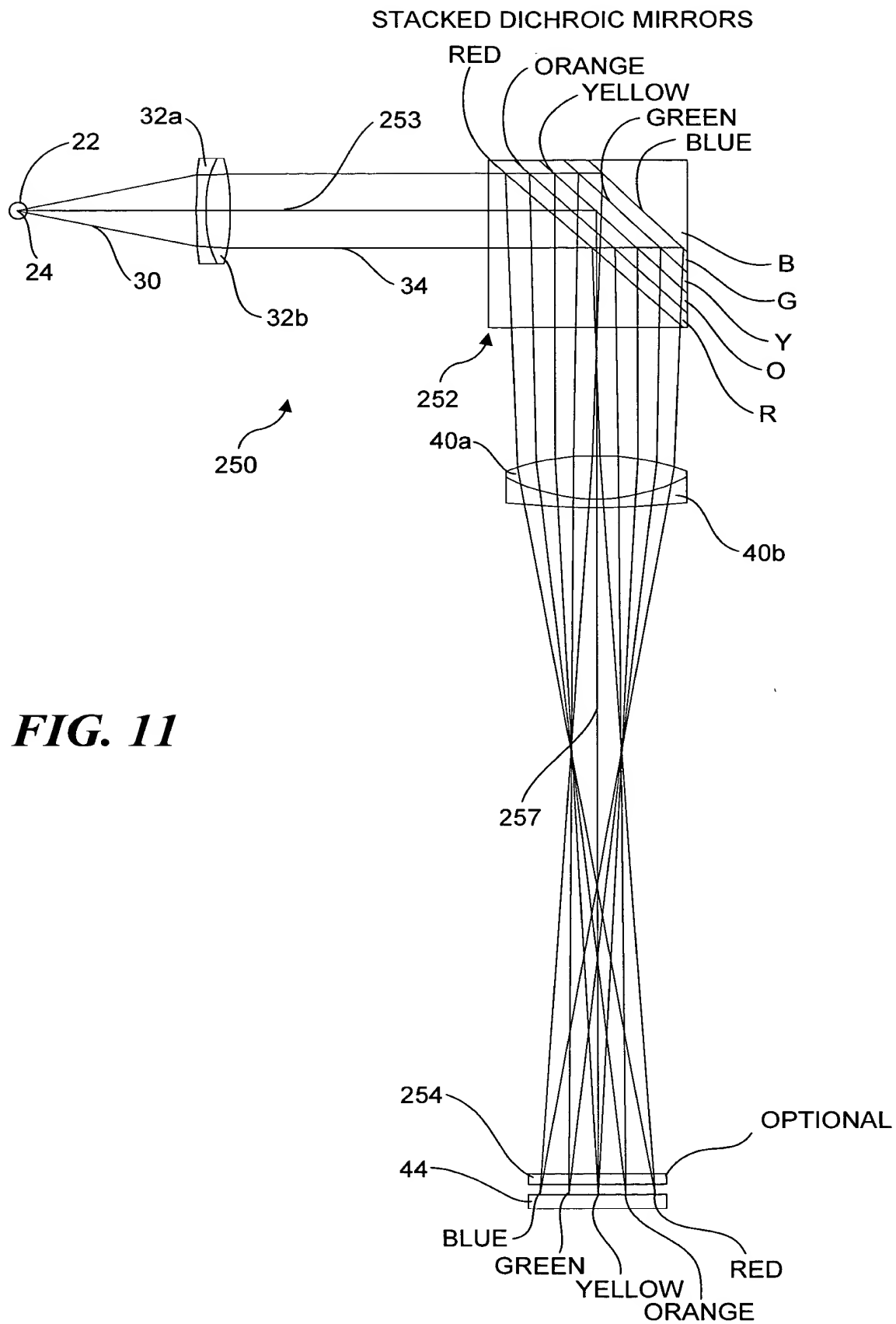


**FIG. 9**

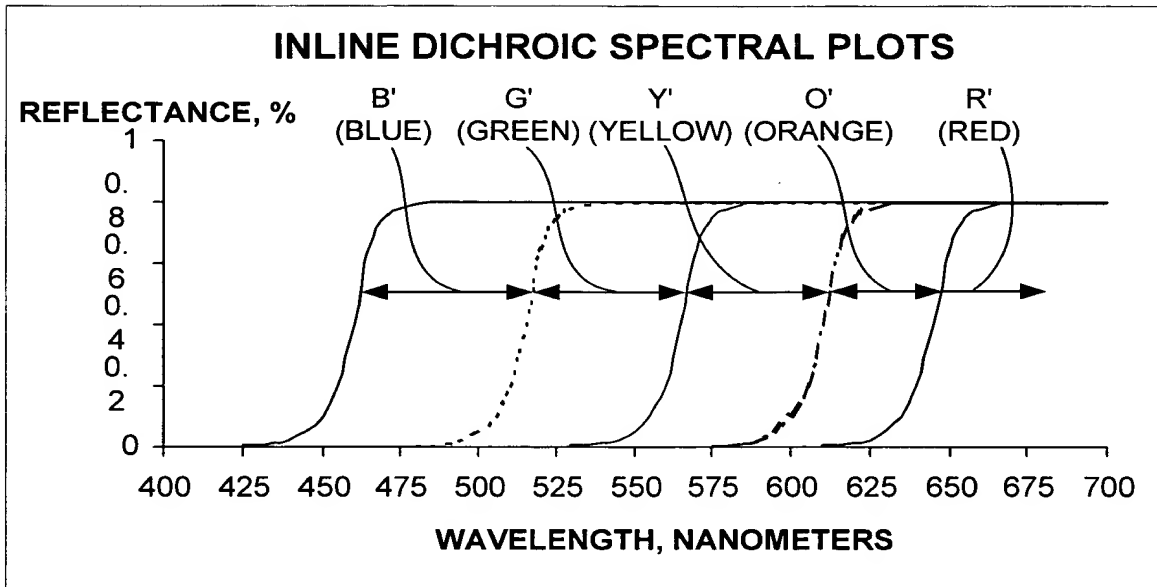


**FIG. 10**

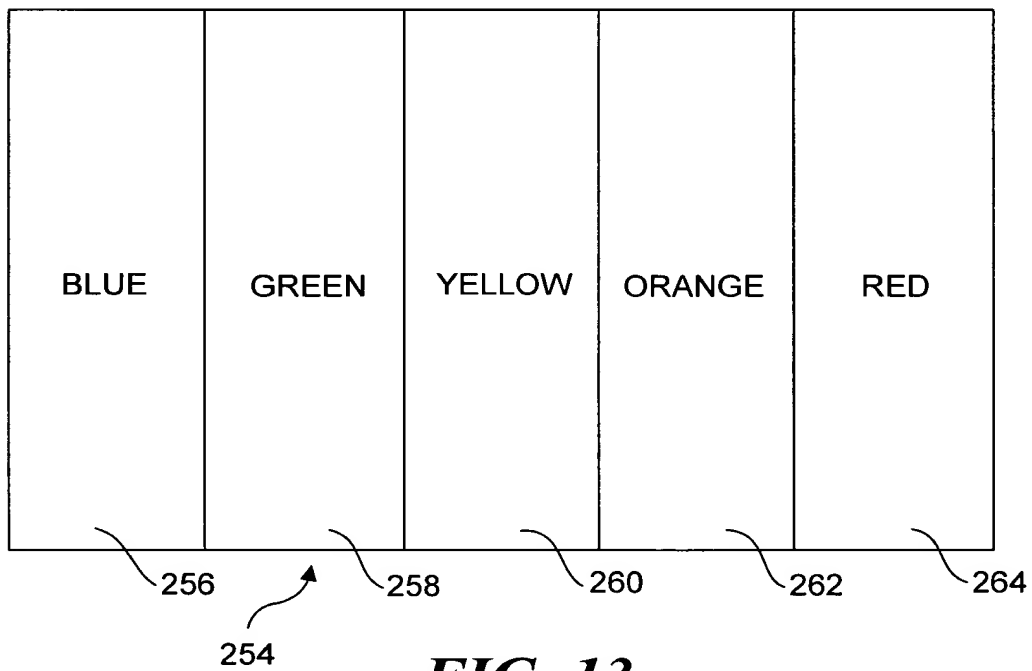




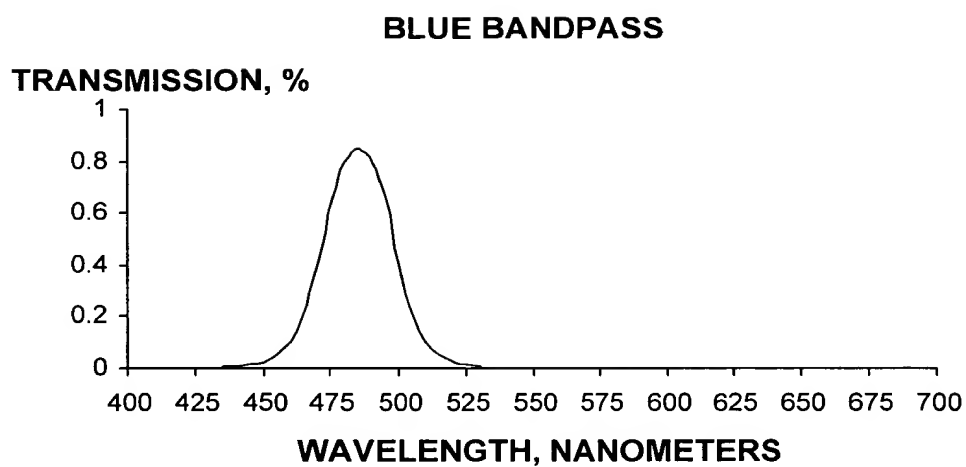
**FIG. 11**



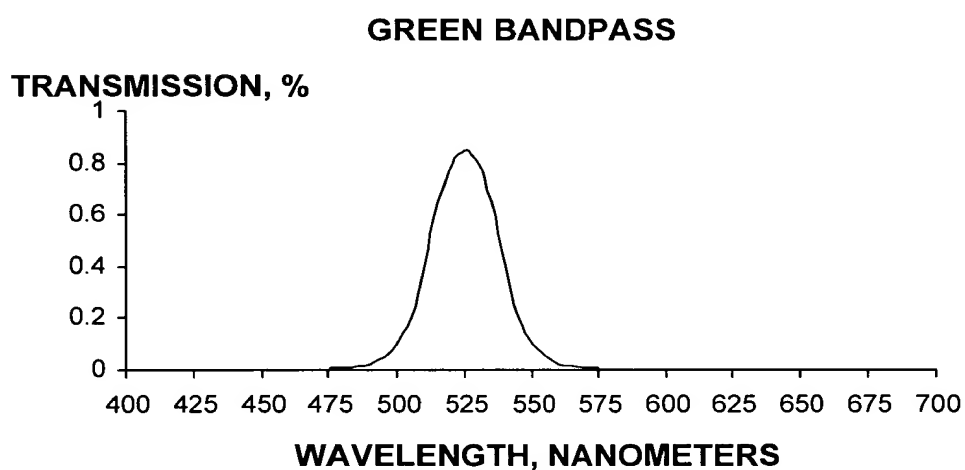
**FIG. 12**



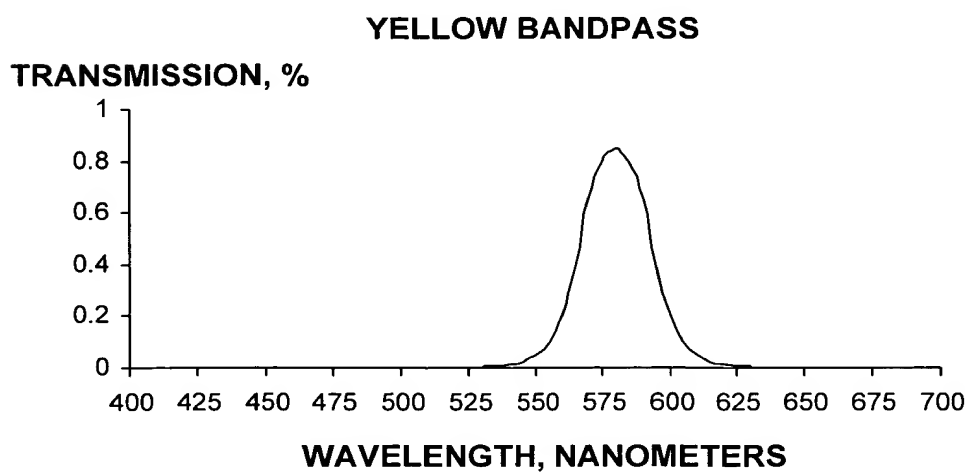
**FIG. 13**



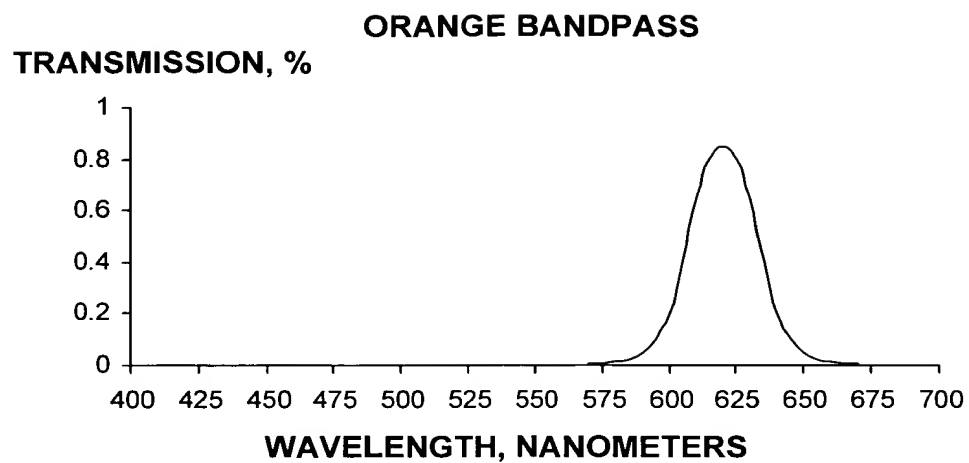
***FIG. 14A***



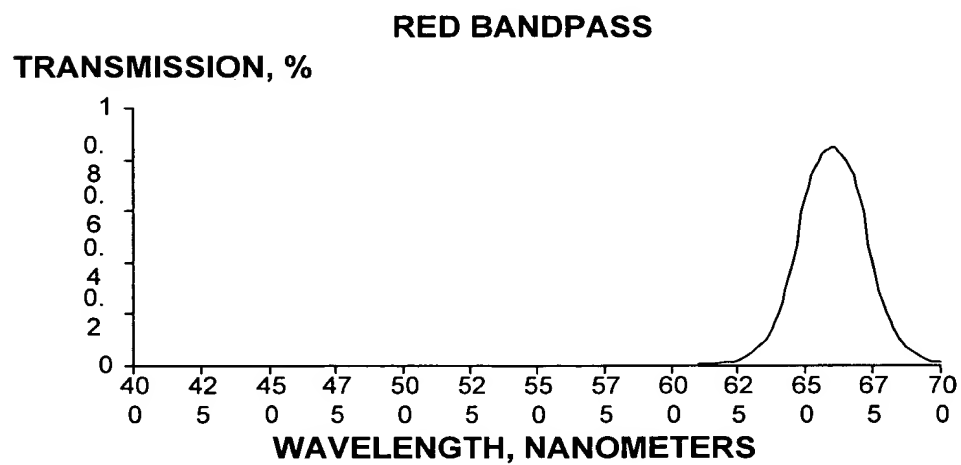
***FIG. 14B***



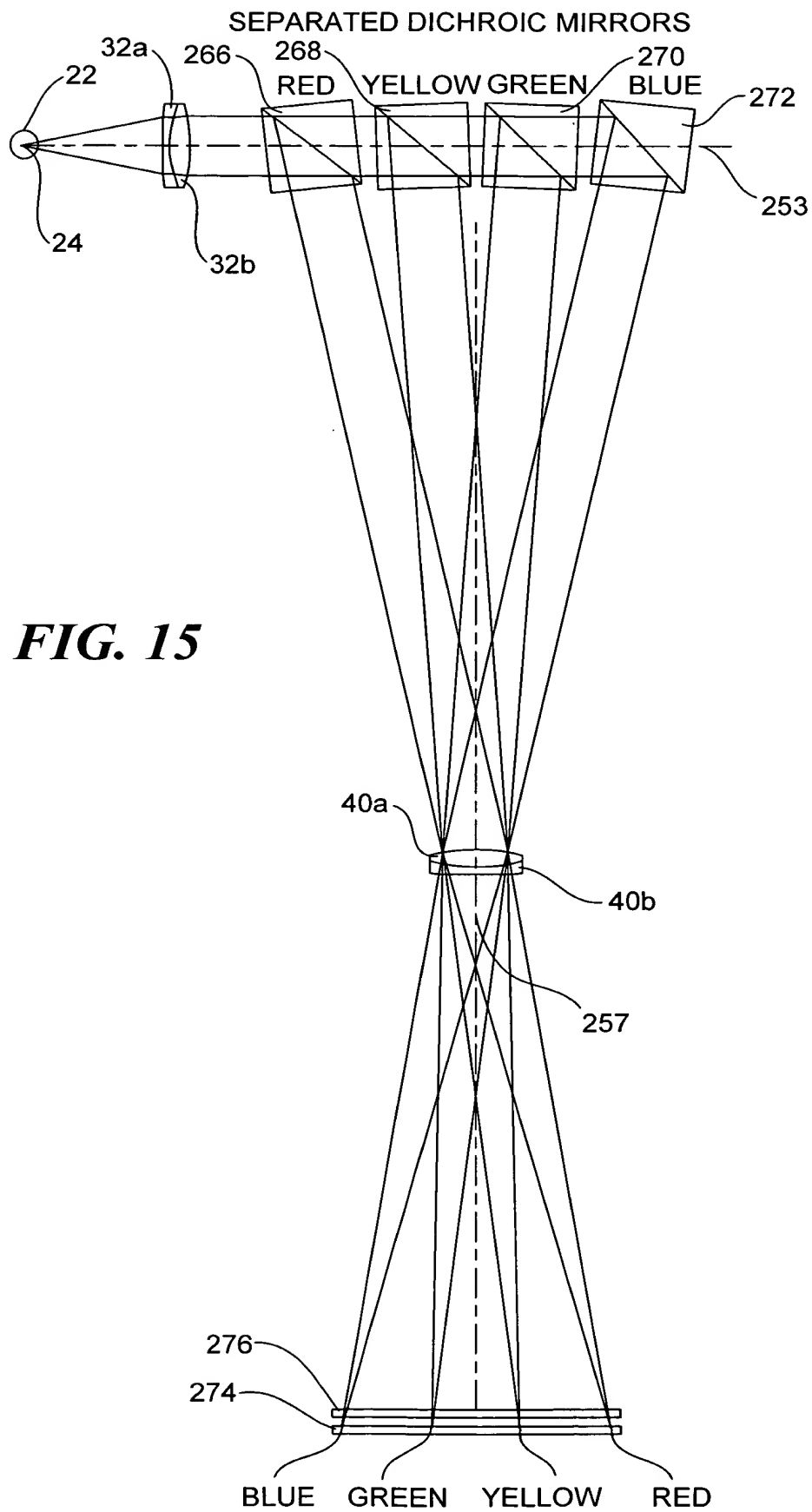
***FIG. 14C***

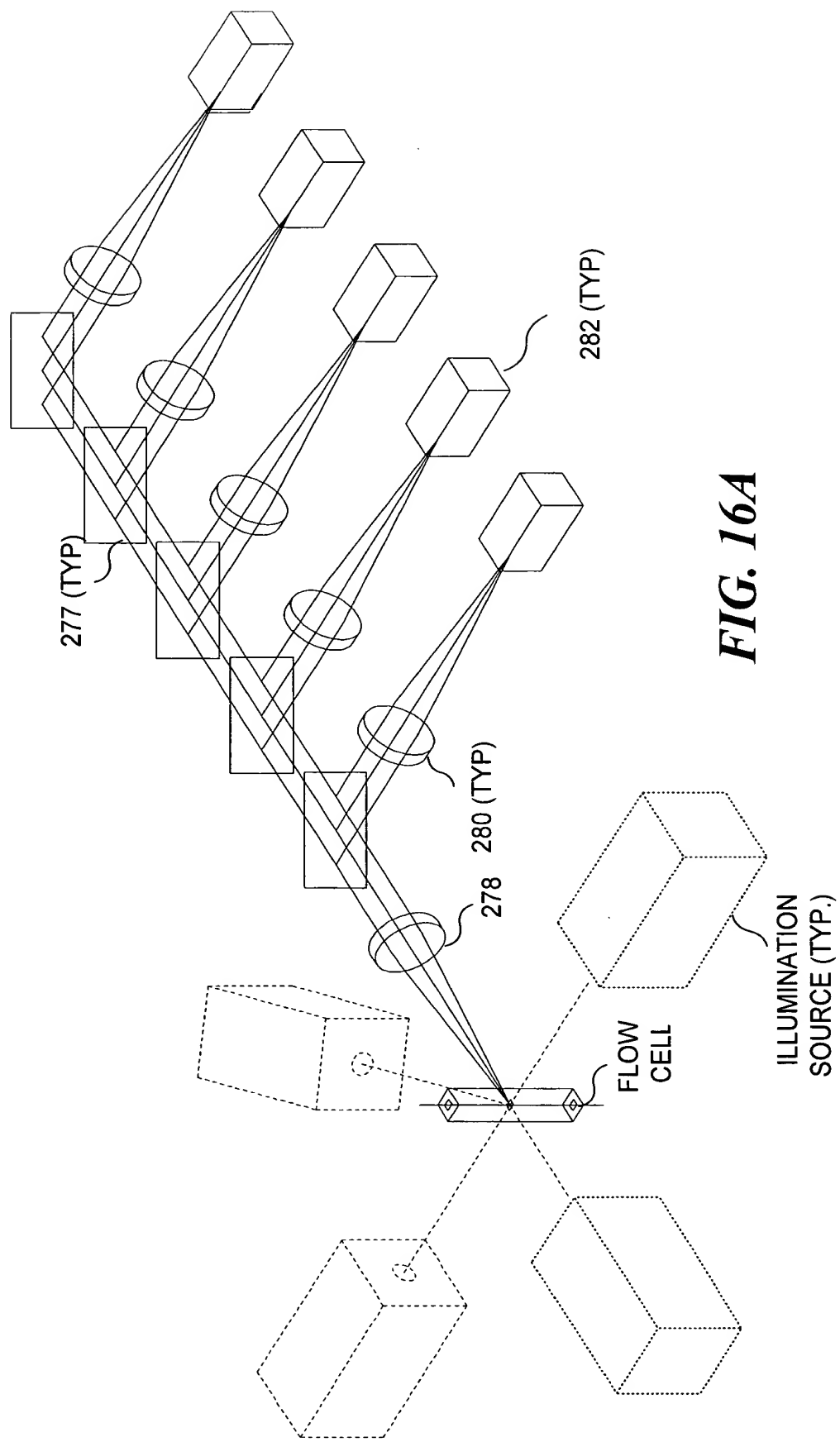


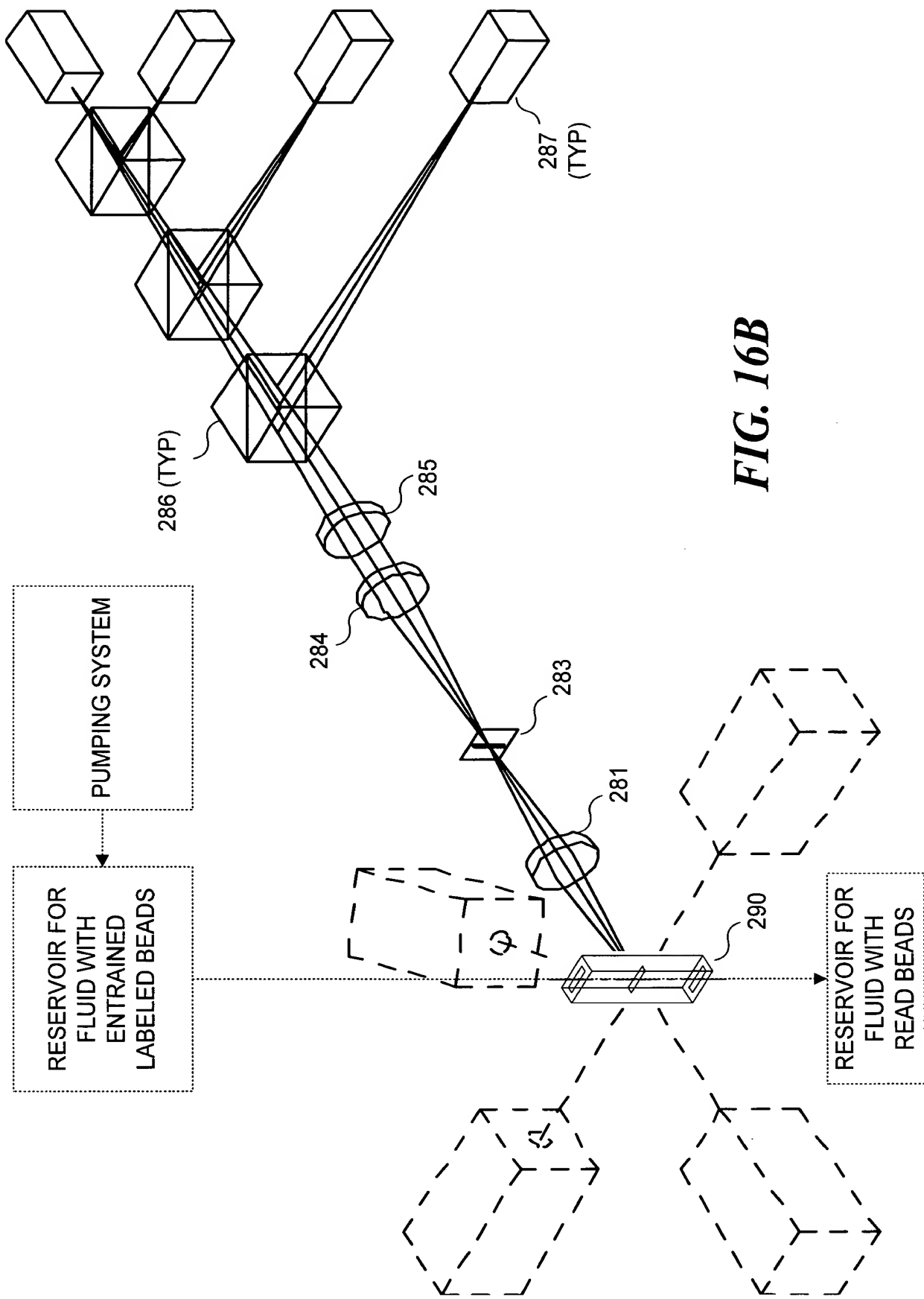
***FIG. 14D***



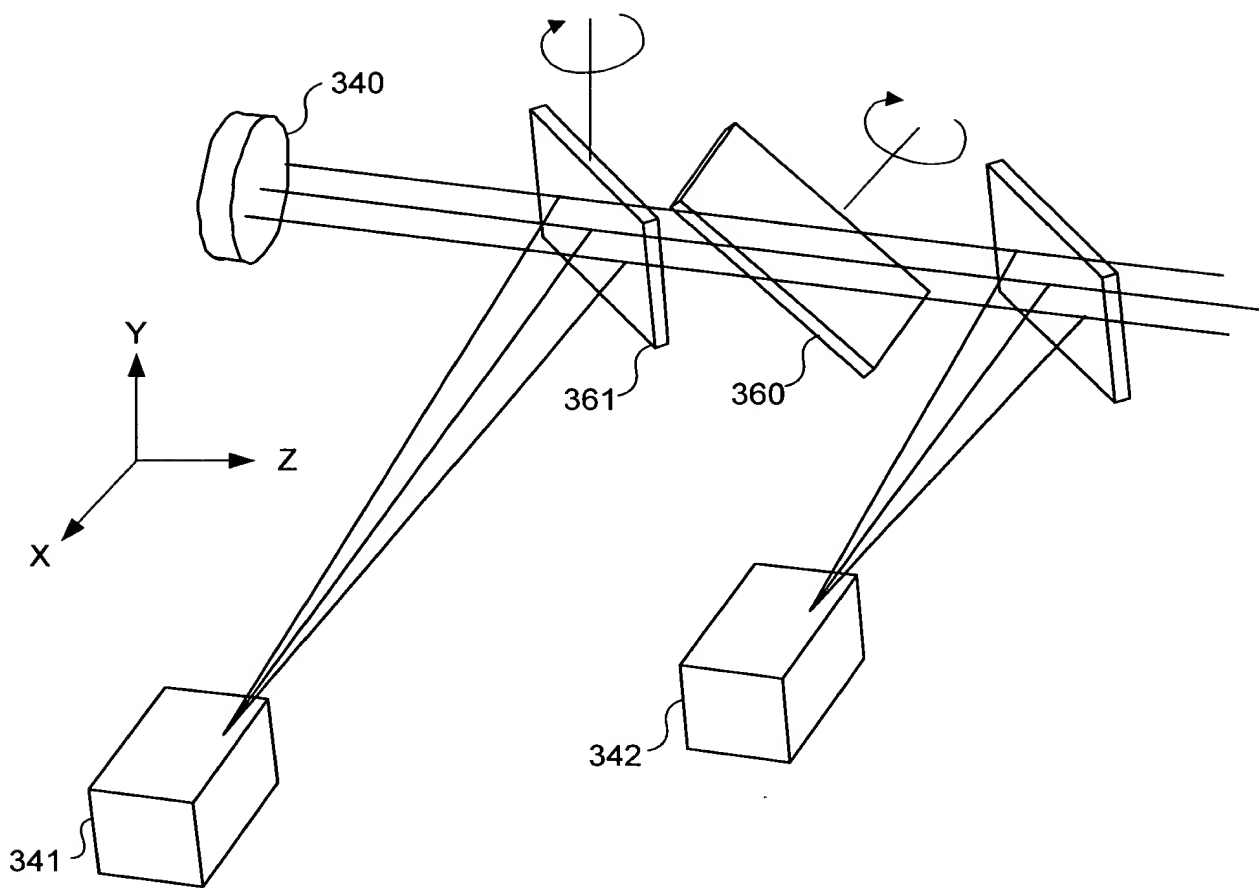
***FIG. 14E***







**FIG. 16B**

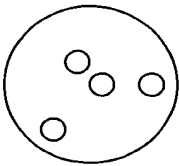


**FIG. 16C**

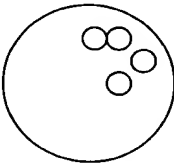


REPORTER  
LABELED  
BEAD

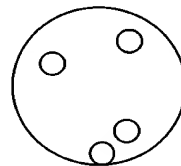
CGTA



UNBOUND



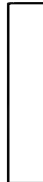
GTCA



OPTIONAL  
REFERENCE



BINDING  
SIGNAL



REPORTER SIGNATURE

BLUE



GREEN



YELLOW



RED



346

348a

348b

348c

348d

346b

346c

346d

346e

346f

346g

346h

346i

346j

346k

346l

346m

346n

346o

346p

346q

346r

346s

346t

346u

346v

346w

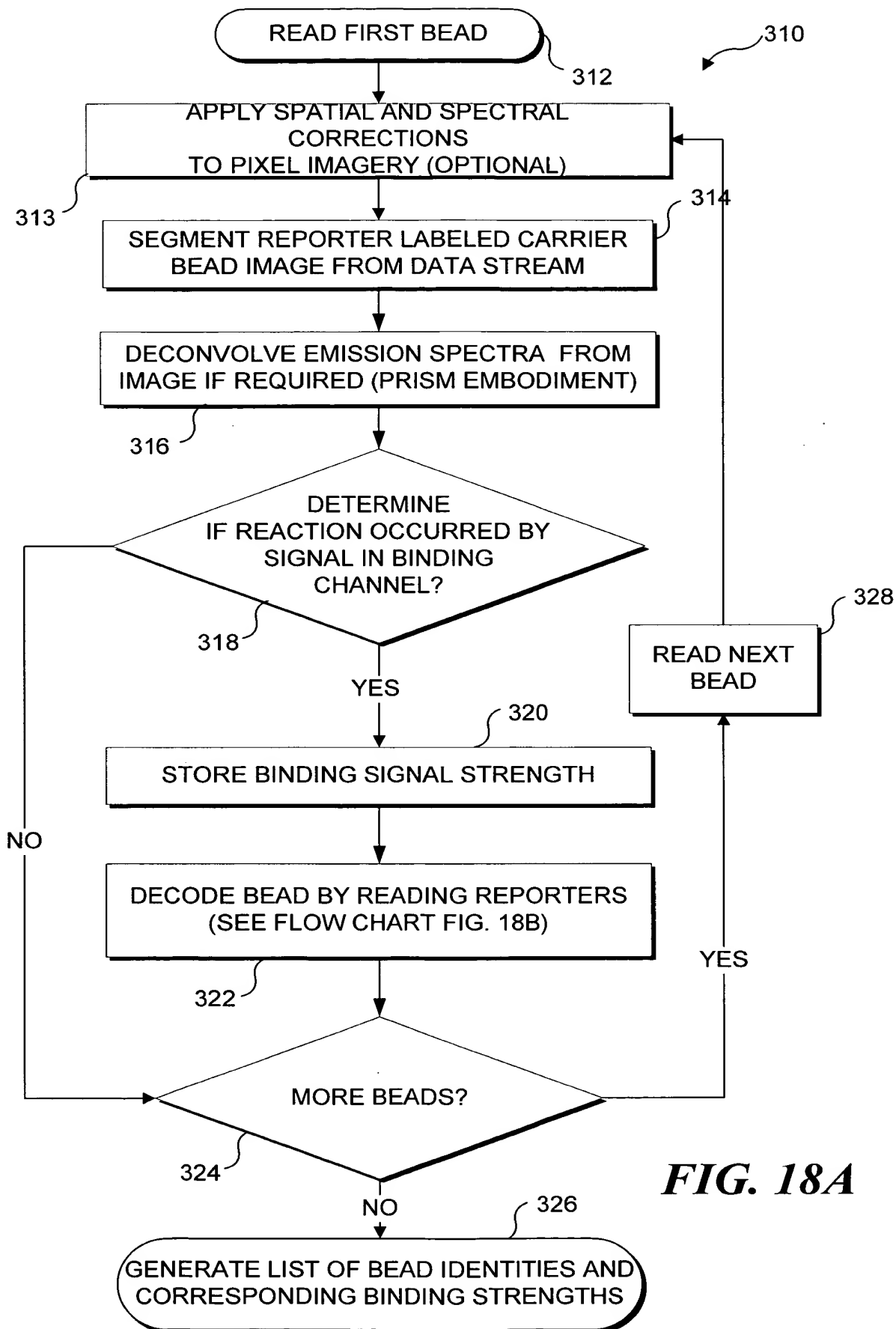
346x

346y

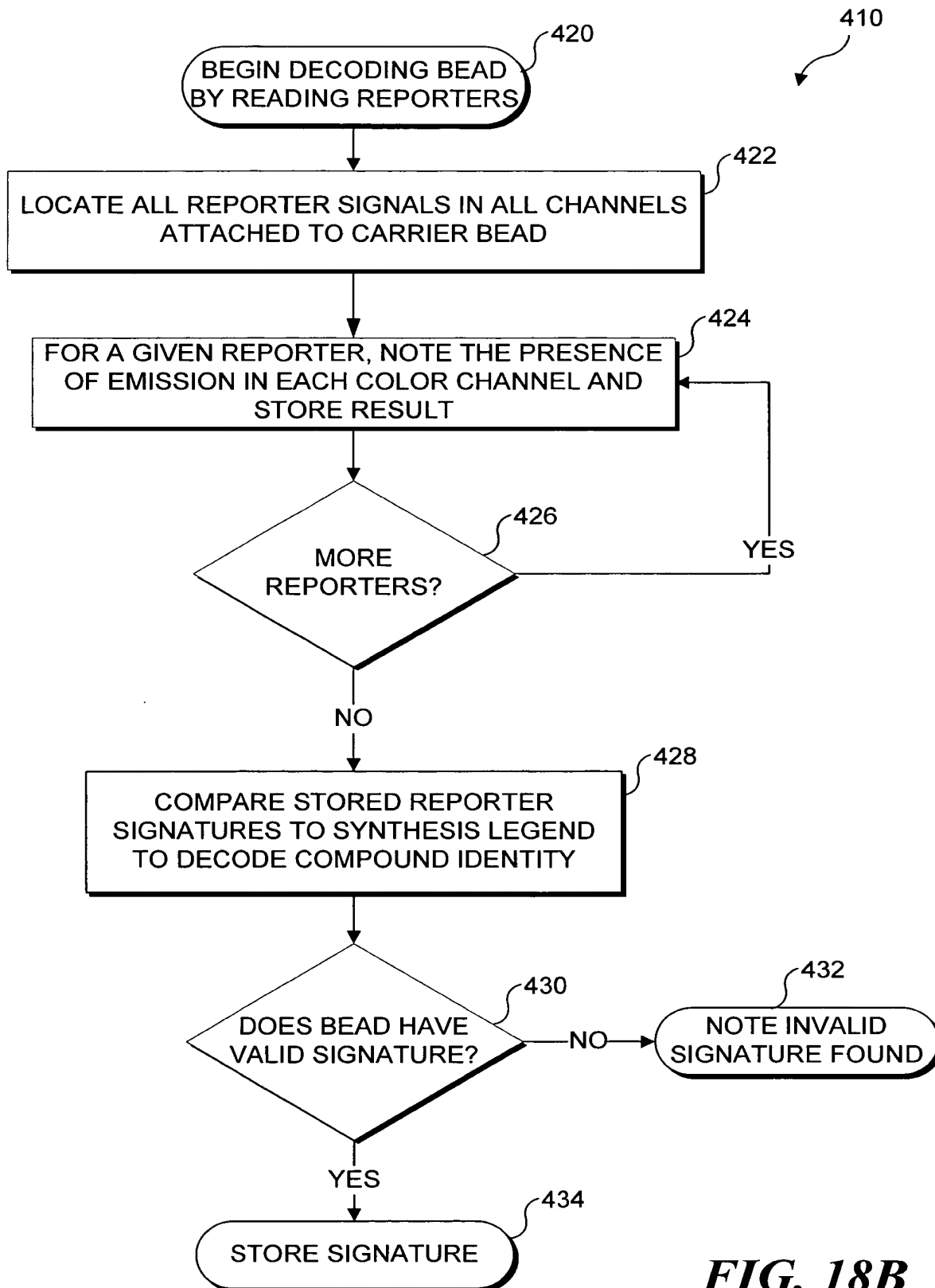
346z

FIELD OF  
VIEW IN  
OBJECT  
SPACE

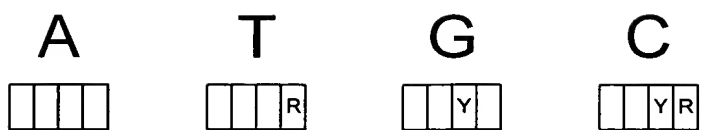
FIG. 17



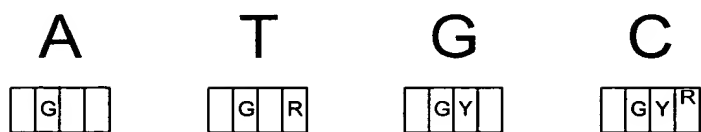
**FIG. 18A**



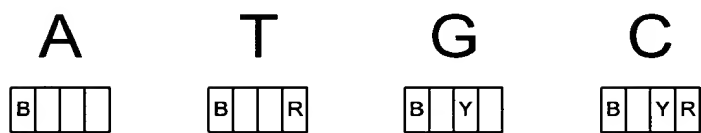
**FIG. 18B**



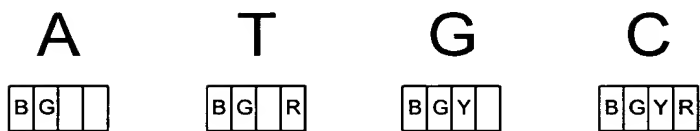
*1ST POSITION*



*2ND POSITION*



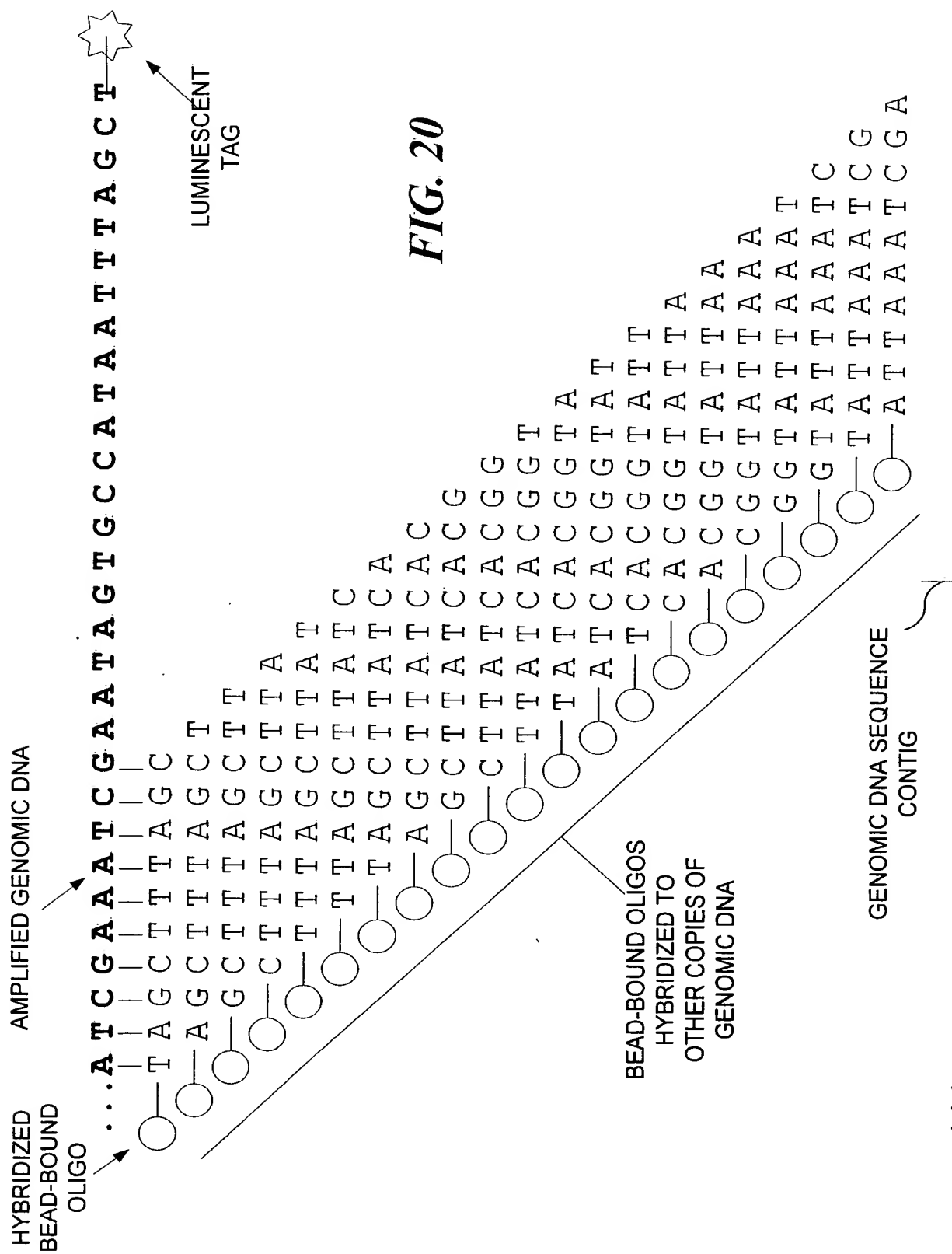
*3RD POSITION*

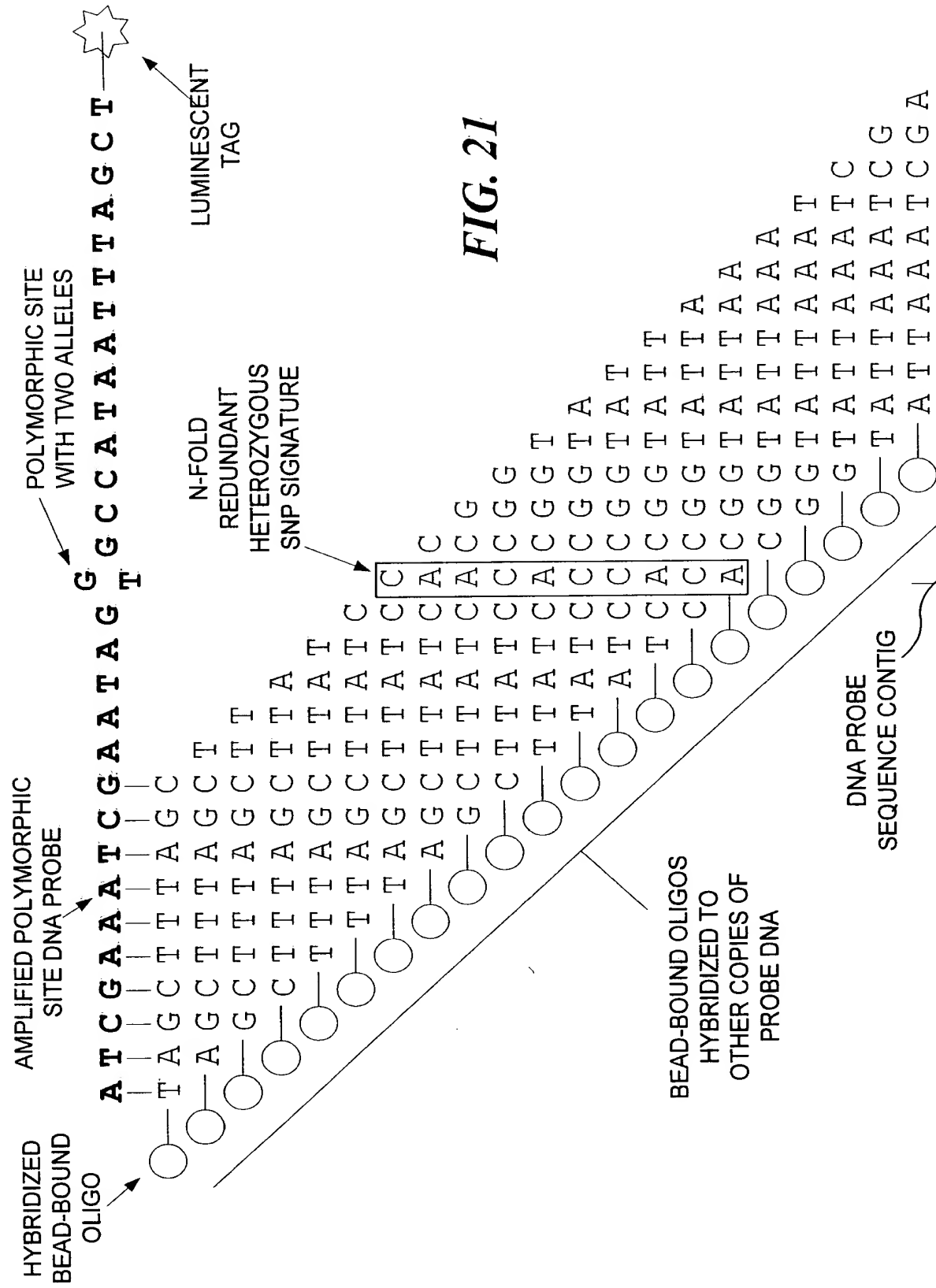


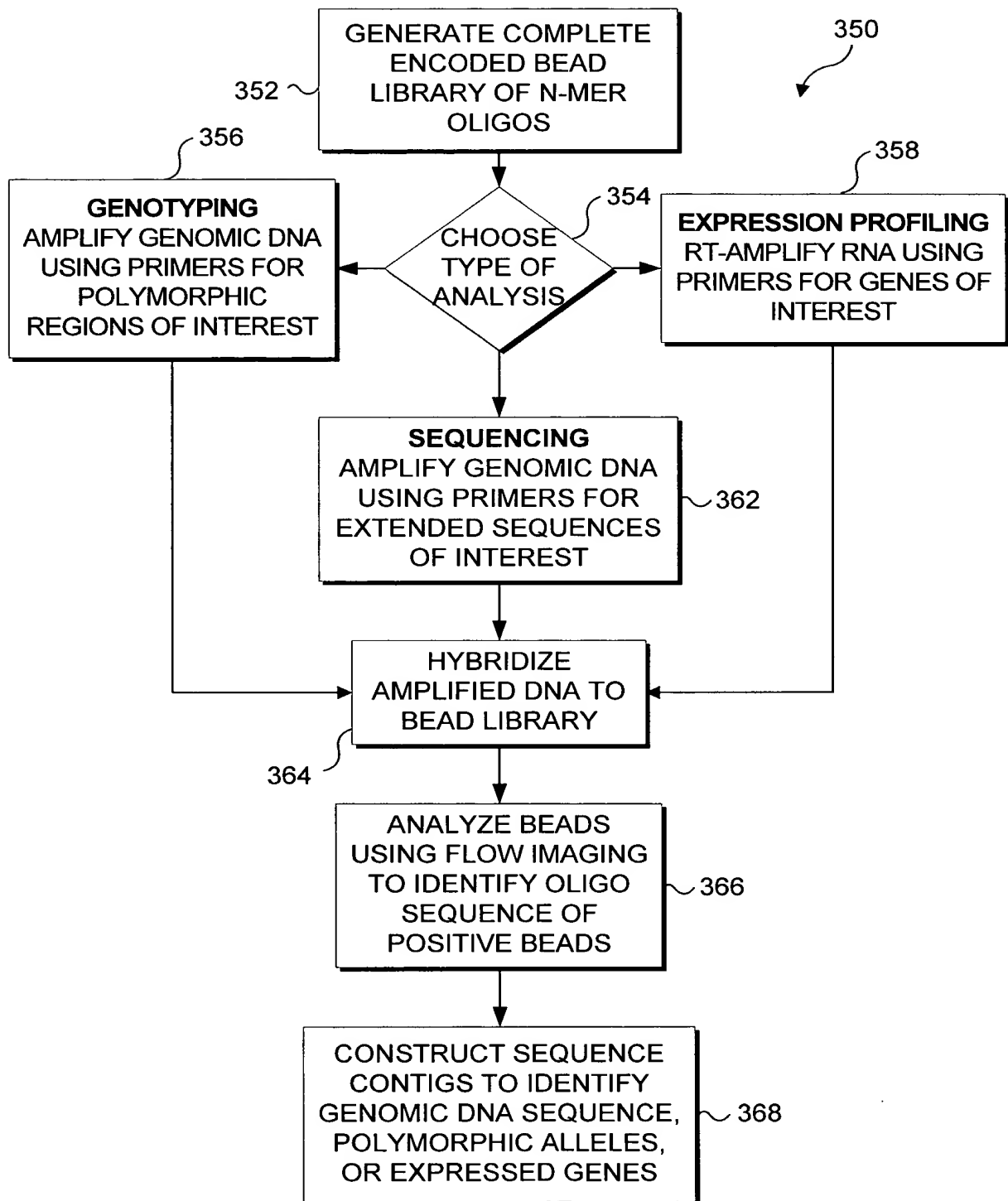
*4TH POSITION*

***REPORTER LEGEND***

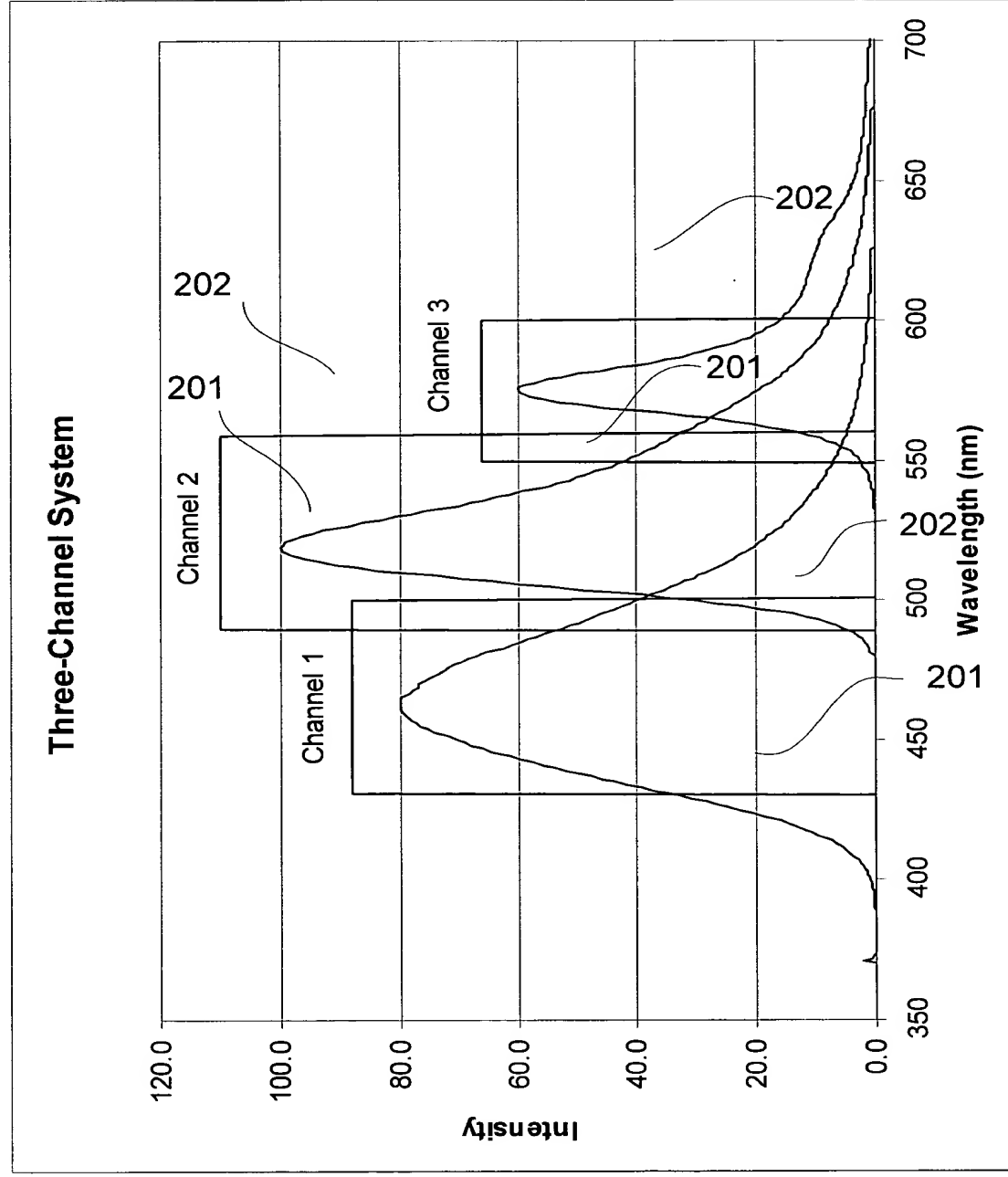
***FIG. 19***





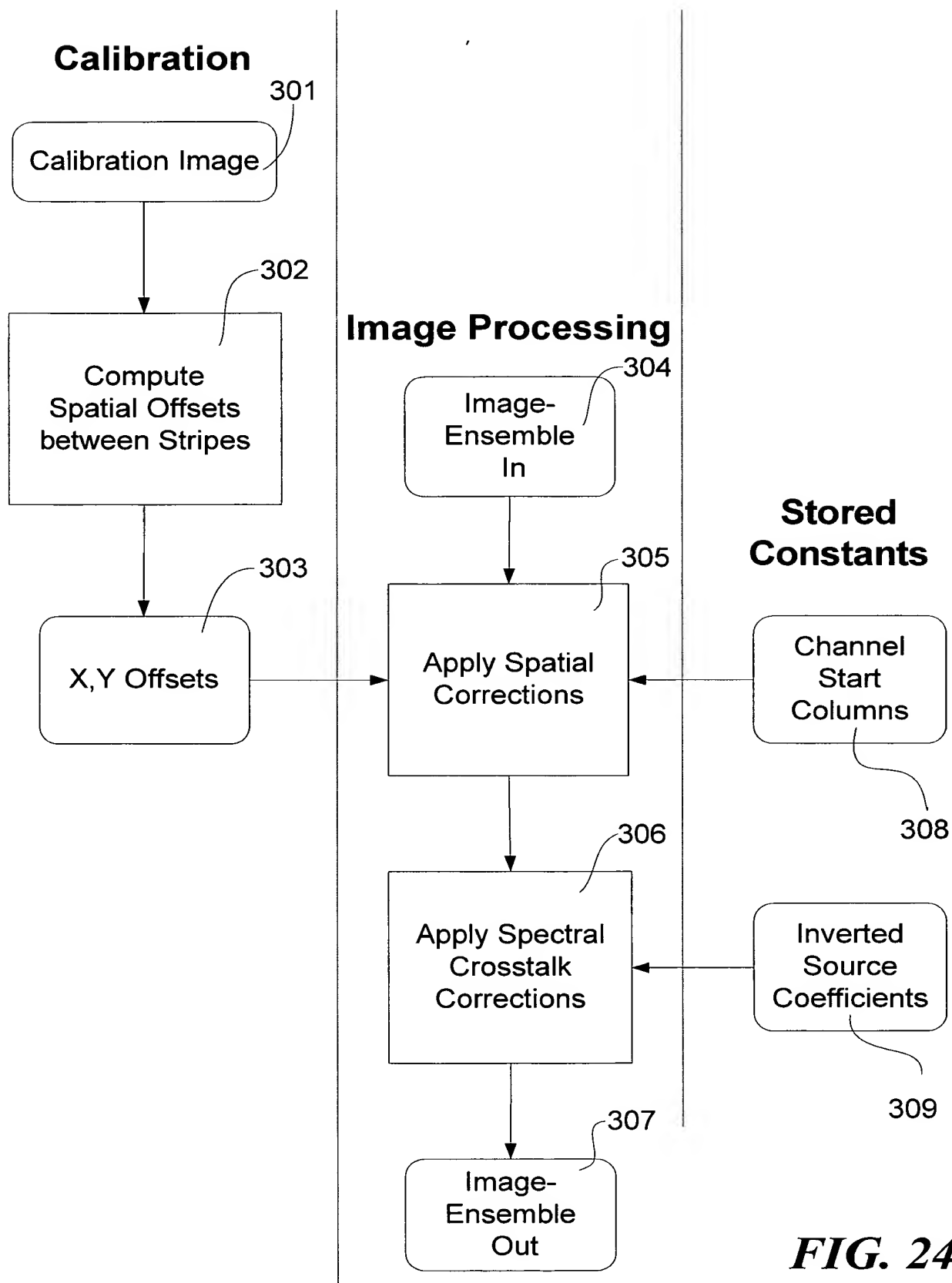


**FIG. 22**

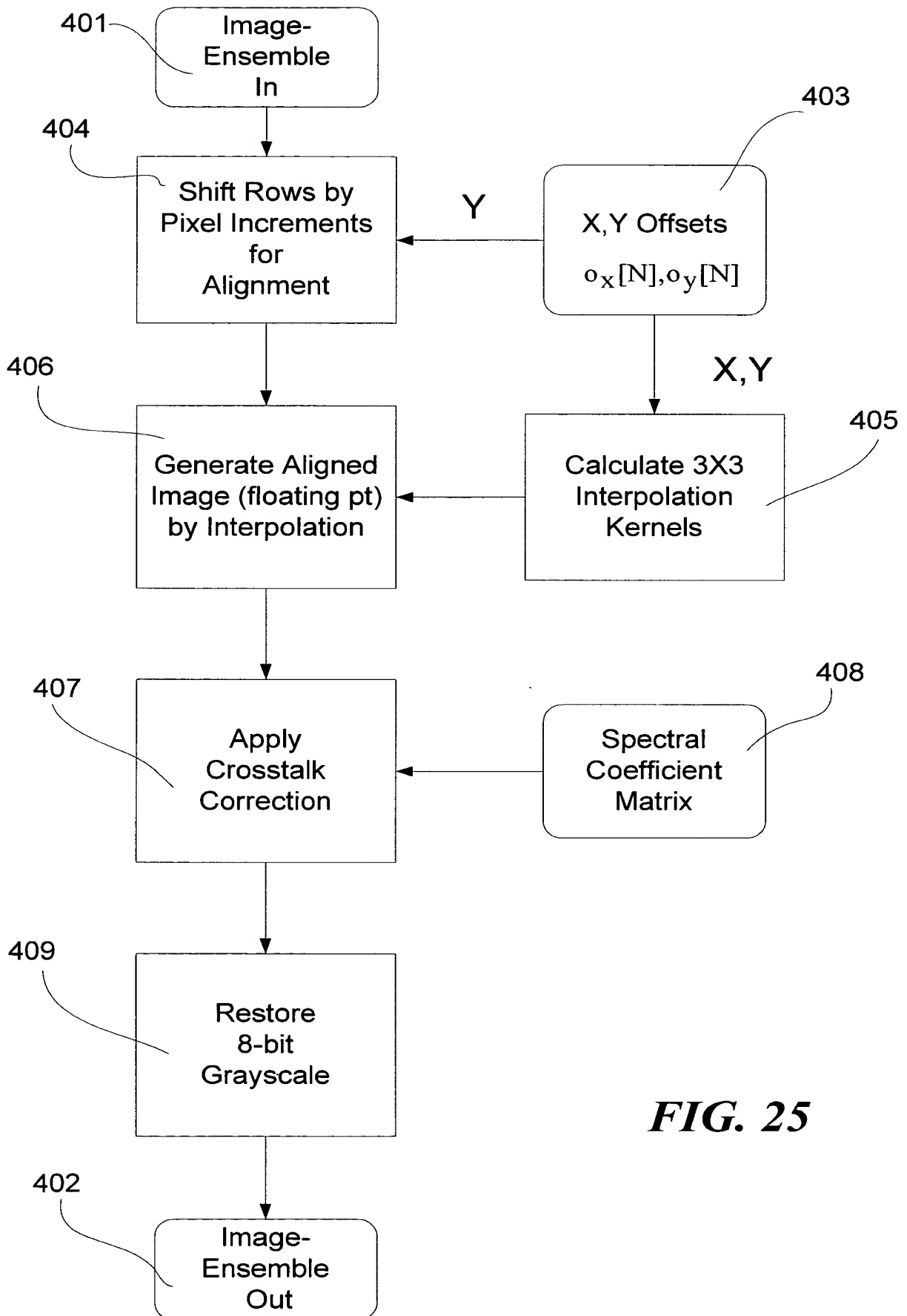


**FIG. 23**

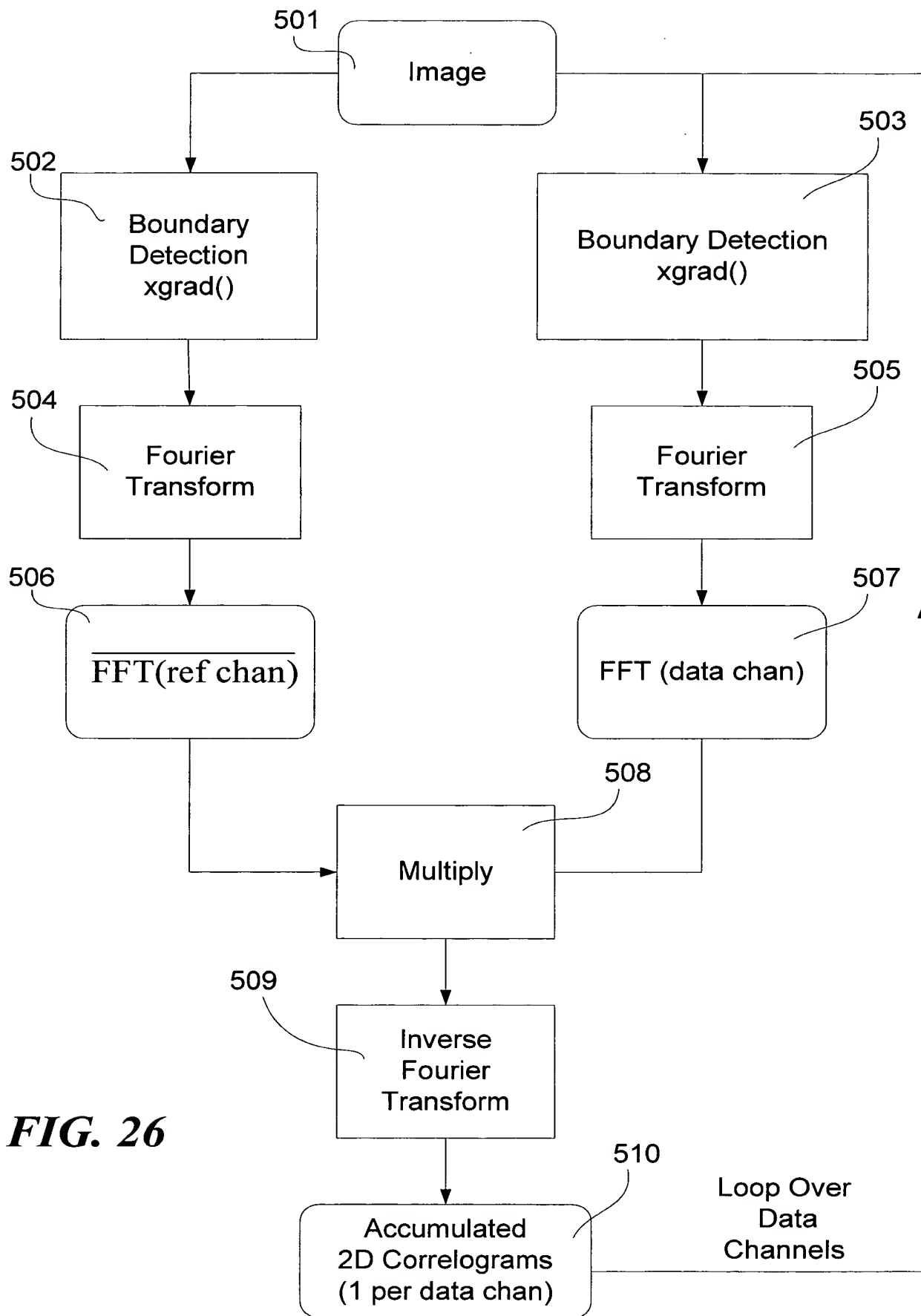




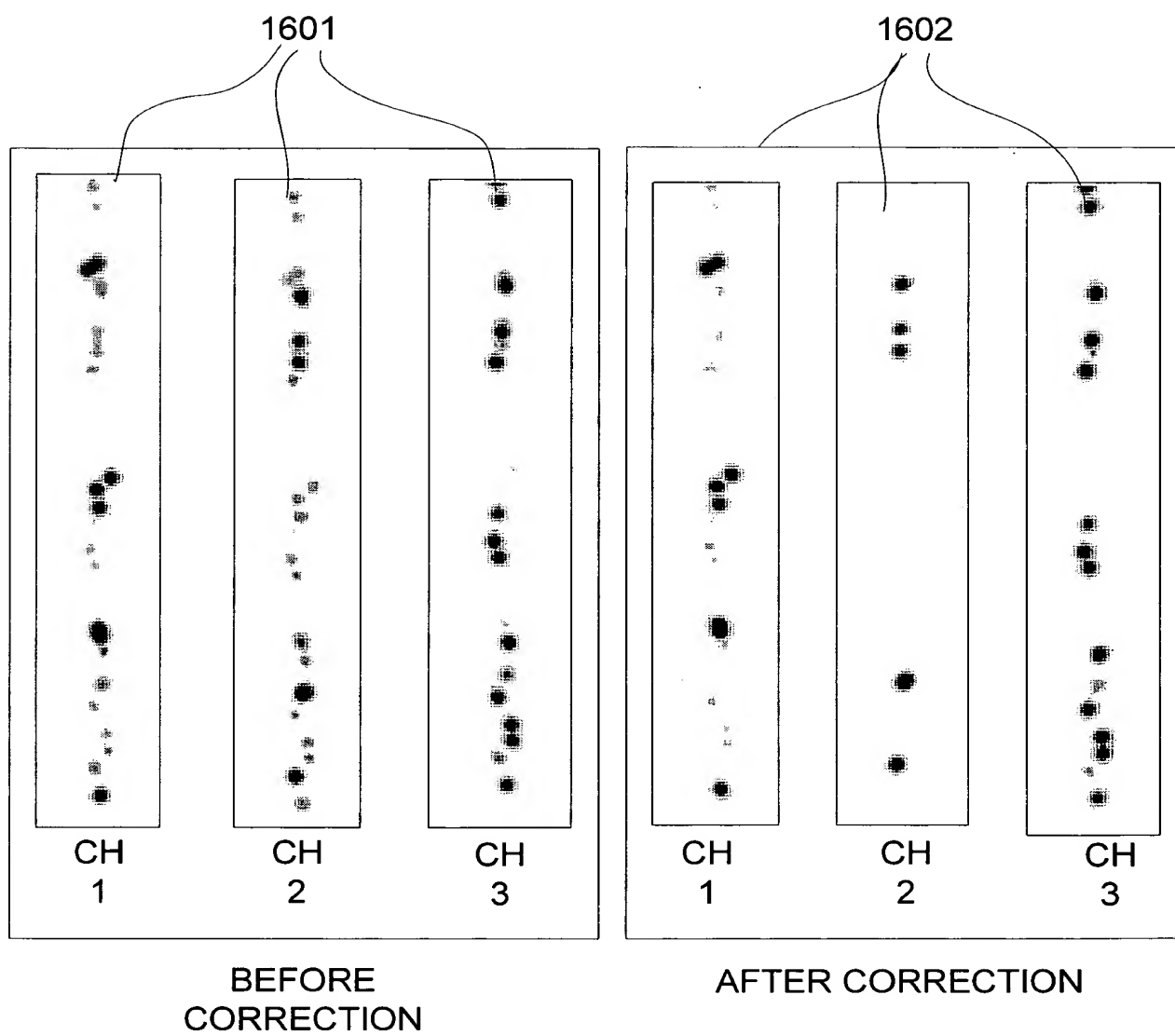
**FIG. 24**



**FIG. 25**



**FIG. 26**



**FIG. 27**